Contents

JULY

Prognostic Factors in Radioresistant Cervical Cancer
BEAURY C. BURNS, JR. *and* C. BERNARD BRACK 1
Nuclear Morphology of Human Spermatozoa LANDRUM B. SHETTLES 10
Epidural Anesthesia in Obstetrics and Gynecology
SAMUEL NORRIS, L. J. HARRIS, *and* S. M. EISEN 15
Treatment of Postpartum Postspinal Headache FREDERICK P. ZUSPAN 21
Cesarean Section on the Dead and the Moribund I. G. CLOUD 27
Teen-age Pregnancies JAMES P. SEMMENS *and* JAMES C. MC GLAMORY 31
Effect of Syntocinon on Blood Pressure in the Second and Third Stages of Labor
JOHN E. MC GEE 44
Cardiovascular Effects of Common Intravenous Oxytocics
EDWARD ROUAAN CARTER *and* GEORGE PATRICK SHAW 47
The Contralateral Corpus Luteum—an Important Factor in Ectopic Pregnancies
MELVYN BERLIND 51
Simultaneously Aborted Intrauterine and Tubal Pregnancies: Report of a case
DAVID GOODMAN, ANDREW D. ELIA, *and* GILBERT H. FRIEDELL 53
Effect of Extracts of Blood and Placenta from Normal and Toxic Patients on Oxidative Phosphorylation CHARLES R. HOOVER *and* R. A. BARTHOLOMEW 57
Arrhenoblastoma of the Ovary: Review of the literature and report of 2 cases
PAUL PEDOWITZ *and* FRANCIS B. O'BRIEN 62
Reduction of Fetal Depression: Intravenous use of promazine for sedation during labor MARK J. FITZPATRICK, J. ALBERT DE BLOIS, *and* DAVID H. KUSHNER 78
Iron Deficiency Prophylaxis During Pregnancy
WILLIAM E. HOOD, JR. *and* WILLIAM L. BOND 82
Benign Cystic Teratoma of the Oviduct: Report of a case and review of the literature
HUGH GAVIN GRIMES *and* JAMES G. KORNMESSER 85
Bacteriuria in Pregnancy NEJDAT MULLA 89
Pregnancy and Subacute Bacterial Endocarditis: Report of a case
E. J. CROCKETT, T. M. BATCHELOR, *and* J. CORBEIL 93
Coronary Disease in the Early Puerperium: Report of a fatal case
LEWIS E. SAVEL *and* DAVID B. GERSHENFELD 96
The Ear of the Newborn as an Identification Constant
CHARLES FIELDS, HUGH C. FALLS, CHARLES P. WARREN, *and* MANUEL ZIMBEROFF 98
Giant Hydrocephalus: Report of a case JOHN F. J. CLARK *and* ARVINE M. BRADFORD 103
Face Presentation BERTOLD SALZMANN, M. SOLED, *and* TH. GILMOUR 106
Evaluation of Dextropropoxyphene, Codeine, and Acetylsalicylic Compound
LEON D. PROCKOP, JAMES E. ECKENHOFF, *and* ROBERT C. MC ELROY 113
Numorphan in Labor: A preliminary report
MILENA SIMECKOVA, WYNTON SHAW, ELIZABETH POOL, *and* E. E. NICHOLS 119
Long, Weighted Vaginal Speculum H. W. SEIGER 124
Letters 125
Editorial: The Population Problem ALAN F. GUTTMACHER 127
After Office Hours: Shamanism ARTHUR G. KING 129

AUGUST

Preinvasive Cervical Lesions in Obstetric Patients: Methods of diagnosis, course, and clinical management LORNA D. JOHNSON, ARTHUR T. HERTIG, 133
CRAWFORD H. HINMAN, *and* CHARLES L. EASTERDAY 133
The Effect of Maternal Factors upon the Mechanism of Fetal Oxygenation in the Normal Obstetric Patient JAMES A. LOW 146
Management of Placenta in Mid-trimester of Pregnancy
JOHN R. KIGHT *and* EDWIN J. HUMPHREY III 152
Congenital Adrenal Hyperplasia Producing Female Hermaphroditism with Phallic Urethra LEON A. PERIS 156
The Feedback Principle in Elective Induction of Labor with Oxytocin Drip: A new method CLYDE S. RIGHTS 167
Complete Perineotomy ARTHUR R. FLEMING 172
A Mixed "Clear-Cell" Adenocarcinoma with Mesonephroma of the Ovary: Report of a case with special clinical aspects H. SUPRUN *and* N. SOFERMAN 175

CONTENTS

Isolation of *Candida* from Clinical Specimens: Comparative study of Pagano-Levin and Nickerson's culture media — E. B. MENDEL, S. HABERMAN, *and* D. K. HALL — 180

Incidence of *Candida* in the Vagina During Pregnancy: Study utilizing the Pagano-Levin culture medium — H. LAMAR GILLESPIE, W. B. INMON, *and* V. SLATER — 185

Treatment of Vaginitis with Triclobisonium Chloride — JAMES P. DE METRY *and* RICHARD R. HANSEN — 189

Sickle Cell Anemia in Pregnancy — KENNETH G. LANSFORD *and* RICHARD W. STANDER — 194

Pancreatic Enzymes (Cervase) in Gynecology — JOHN I. BISKIND, LEONARD H. BISKIND — 202

Compound G-27202 in the Treatment of Thrombophlebitis — DAVID PENT, JOSEPH ROJAS — 206

Pharmacologic and Hypnoid Analgesia: Effect upon labor and the infant response — CHARLES E. FLOWERS, JR., THOMAS W. LITTLEJOHN, *and* H. BRADLEY WELLS — 210

Hypnosis in Obstetrics and Gynecology — K. S. TOM — 222

Fetal Dystocia due to Urachal Cyst and Ascites: Report of a case — MAX Y. ROSENBERG — 227

Transverse Presentation due to Bladder Distension: Report of a case — BERNARD I. COOPERSMITH — 230

The Incidence of Cervical Mucus Arborization in Pregnancy — ROBERT R. SCHWALENBERG *and* THOMAS D. EFSTATION — 232

Good Fences Make Good Neighbors: The Scope of Medical Specialties — JOHN I. BREWER — 235

Letters — 239

After Office Hours: A Visit with Dr. George N. Papanicolaou — SAM. GORDON BERKOW — 243

SEPTEMBER

Experimental Production of Endometrial Carcinoma in the Rabbit — JOSEPH C. MERRIAM, JR., CHARLES L. EASTERDAY, DONALD G. MC KAY, *and* ARTHUR T. HERTIG — 253

Pregnancy and Dental Health — ROBERT I. PFEFFER — 263

Growth Characteristics of Human Endometrium in Tissue Culture — DAVID C. FIGGE — 269

Intra-arterial Transfusion in Hemorrhagic Shock: Technic and clinical results in twenty-four cases — DONALD C. DIEFENDORF *and* FREDERICK B. JONES — 278

The Primipara with Breech Presentation — MATTHEW J. BULFIN, JOSEPH T. GALLAGHER — 283

Management of the Aftercoming Head in Breech Presentation — GEORGE J. L. WULFF, JR., A. C. TRUEBLOOD, JR., *and* ROBERT A. HOLLAND — 288

Growth Patterns in Human Carcinoma: Their classification and relation to prognosis — TAMAKI IMAI — 296

Gout and Pregnancy — ALLAN B. WEINGOLD — 309

Fatal Late Recurrence of a Granulosa Cell Tumor of the Ovary — VICTOR J. ROSEN — 314

Fluorine in Human Milk: Its relation to urinary fluorine levels — B. BERCOVICI, I. GEDALIA, *and* A. BRZEZINSKI — 319

Uterine Tube Physiology: A review of the literature — R. NAOMI PALTIEL LOWI — 322

Intraligamentous and Abdominal Extrauterine Pregnancy: Report of four cases and review of the literature — HAMPTON W. IRWIN — 327

A Clinical Evaluation of the Lorand Tokodynamometer — HANS D. TAUBERT *and* ARTHUR L. HASKINS — 334

Platelet Counts in Pregnancy and Labor: A comparative study — ABRAHAM MOR, WILLIAM YANG, ALFRED SCHWARZ, *and* WILLIAM CARY JONES — 338

Hysterocolpectomy — GAIL V. ANDERSON *and* PAUL P. DEASY — 344

Is Spontaneous Abortion a Seasonal Problem? — W. RILEY KOVAR, RICHERT J. TAYLOR — 350

Oxidative Enzymes in Human Vaginal Smears: Observations of the succinic dehydrogenase and diphosphopyridine nucleotide-diaphorase systems — CHARLES G. ROSA — 354

Ectopic Pregnancy Associated with Tuberculous Salpingitis — T. VAGO, M. RIKOVER, *and* A. REIF — 360

Pregnancy Complicated by Solitary Pelvic Kidney: Presentation of a case and a review of the literature — EDWARD J. SOKOLSKI — 365

Supine Hypotensive Syndrome with ECG Changes: Case report — HARRY BRODY *and* CAROLYN A. MC CANN — 368

Chloroform Anesthesia for Delivery — JOSEPH E. BELEW *and* GEORGE J. L. WULFF, JR. — 372

Plastic Tube Aspiration of the Endometrium — STANLEY E. SMITH, JR. — 375

Cervical Hemostatic Forceps — H. W. SEIGER — 377

Letters — 380

After Office Hours: Teaching the Gynecologic Basic Sciences — RUSSELL R. DE ALVAREZ — 382

CONTENTS

OCTOBER

Bacterial Shock in Obstetrics and Gynecology — REUBEN H. ADAMS, JACK A. PRITCHARD — 387
Bowel Complications Due to Intraperitoneal Radioactive Gold: Report of 2 cases — PAUL S. PUTZKI *and* LEO C. VARDEN — 398
Anesthesia for Obstetric Difficulties — CHARLES E. FLOWERS, JR. — 401
Vaginal Smears in Women past 40 Years of Age, with Emphasis on Their Remaining Hormonal Activity — TERUO MASUKAWA — 407
Treatment of the Incompetent Cervix — RICHARD M. BRIGGS *and* WILLIAM BENBOW THOMPSON, JR. — 414
Pregnancy Occurring in a Rudimentary Horn: Report of a case — JOHN J. FISHER — 419
Carcinoma in Situ and the Transitional Zone of the Cervix Uteri — C. FREDERIC FLUHMANN — 424
Pregnancy and Delivery in a Patient with Cystic Fibrosis of the Pancreas: Report of a case — BERNARD SIEGEL *and* SEYMOUR SIEGEL — 438
Viral Inclusion Bodies in Vaginal Smears — ALEXANDER VARGA *and* BERNADETTE BROWELL — 441
Cervical Atresia Complicating Labor — TOM P. BARDEN, JOHN N. LEIN, *and* RICHARD W. STANDER — 445
Report on the Use of a New Agent, Phenazocine, in Obstetric Analgesia — MAX S. SADOVE, REUBEN C. BALAGOT, JOHN M. BRANION, JR., *and* ALFRED J. KOBAK — 448
Cervical Pregnancy: Review of the literature and report of a case — GEORGE L. CLARKE — 454
Special Device for Vaginal Examinations in the Hospital Bed — GEORGE J. L. WULFF, JR. — 459
Coexisting Adenomyosis and Tuberculosis: Report of a case — BENJAMIN ECKERLING *and* JACK A. GOLDMAN — 461
A Quintuplet Gestation — CHARLES E. GIBBS, JOHN W. BOLDT, JAMES W. DALY, *and* HAROLD C. MORGAN — 464
Further Evaluation on a Therapeutic Exercise for Teen-Age Dysmenorrhea — LEIB J. GOLUB, HYMAN MENDUKE, *and* WARREN R. LANG — 469
Vasa Previa with Marginal Placenta Previa of an Accessory Lobe: Report of a case — PATRICIA A. RADCLIFFE, PAUL J. SINDELAR, *and* PAUL R. ZEIT — 472
Management of Bartholin-Duct Cysts and Abscesses — M. M. OLIPHANT, JR. *and* GAIL V. ANDERSON — 476
Review of 1019 Benign Ovarian Neoplasms — R. P. BECK *and* J. P. A. LATOUR — 479
Rupture of a Silent Pyosalpinx Following a Hysterosalpingogram: Report of a case — WILLIAM M. BRANTLEY, RAFAEL A. DEL VALLE, GENE V. AABY, *and* A. K. SCHOENBUCHER — 483
Chyluria with Pregnancy: Report of a case — VERA HINGORANI *and* RANJIT KAUR — 486
Adeno-acanthoma of the Ovary: Report of 3 cases — JOHN W. RECORDS — 489
Fetal Lung Pathology and Hydramnios — DAVID CHARLES — 495
Letters — 501
After Office Hours: Ephraim McDowell, 1809 — LAMAN A. GRAY — 503
Book Reviews — 517

NOVEMBER

Cervical Conization in Pregnancy — CLAYTON T. BEECHAM *and* GEORGE J. ANDROS — 521
Perinatal Morbidity and Mortality Associated with Cesarean Sections: Part I. A study of cases in which stress is not a factor — JOSEPH KLEIN — 527
Morbidity from Cancer of the Uterus in East Baton Rouge Parish — CARY M. DOUGHERTY — 535
Balance-Ward and Double-Blind Diuretic Studies During Pregnancy — FREDERICK P. ZUSPAN, JOHN D. BELL, *and* ALLAN C. BARNES — 543
Placental Metastasis: Review of the literature and report of a case of metastatic melanoma — WALTER L. FREEDMAN *and* FRANCIS J. MC MAHON — 550
A Technic of Complete Temporary Hemostasis for Uterine and Adnexal Surgery — WILLIAM M. BRANTLEY, HENRY M. EISENBERG, *and* A. K. SCHOENBUCHER — 561
Total Vaginectomy, Vaginal Hysterectomy, and Colpocleisis for Advanced Procidentia — RICHARD C. HAYDEN *and* JOHN M. LEVINSON — 564
A Technic for Recording Fetal ECG During Labor and Delivery — CHARLES A. HUNTER, JR., KENNETH G. LANSFORD, SUZANNE B. KNOEBEL, *and* ROBERT J. BRAUNLIN — 567
Menorrhagia due to Chronic Iron Deficiency — MELVIN L. TAYMOR, SOMERS H. STURGIS, WALTER T. GOODALE, *and* DAVID ASHBAUGH — 571

CONTENTS

Studies of Diuresis During Spontaneous and Oxytocin-Induced Labor
JAN BRUNDIN *and* LARS ENGSTROM 577
Long-Term Diuretic Therapy in the Pregnant Patient
FREDERICK P. ZUSPAN, JOHN D. BELL, *and* ALLAN C. BARNES 581
Hyponatremia: A Complication of the Treatment of the Edema of Pregnancy
JOHN N. MILLER, JR. 587
Pregnancy and Renal Tubular Acidosis JED E. GOLDBERG 591
Listeriosis as a Possible Cause of Abortion: Report of a case F. KEITH OEHLSCHLAGER 595
Treatment of Vaginal Candidiasis ESTHER A. NATHANSON 601
Obstetric Obesity: A Novel Method for Evaluating Therapy RICHARD X. SANDS 605
Stromal Endometriosis: Report of a case
SEARLE K. WELLING, JOHN J. MIKUTA, *and* JOHN W. GREENE, JR. 610
Hemothorax as a Presenting Symptom in Abdominal Pregnancy: Markedly elevated chorionic gonadotropin titer findings associated with abdominal pregnancy and secondary hemothorax JOHN J. MC NULTY 615
Drug Reactions Simulating Extrapyramidal Effects FRANK G. GRUICH 618
Monoamniotic Twin Pregnancy R. F. KIRK *and* D. A. CALLAGAN 621
Pelvic Girdle Relaxation WILLIAM G. SLATE 625
Cornual Cauterization MAX SUTER 628
Letters 632
Editorial: Anesthesia in Obstetrics A. P. DUMITRU 634
After Office Hours: The Course of History as Influenced by Child Deaths, Maternal Deaths, and Human Infertility E. STEWART TAYLOR 640
Book Reviews 648

DECEMBER

A Histopathologic Study of the So-Called Incompetent Uterine Cervix
C. J. EATON *and* J. J. MC CUSKER 651
The Behavior of C-Reactive Protein in Pregnant and Puerperal Women, Fetal Blood, and in the Newborn Infant under Normal and Abnormal Conditions
ROBERT E. L. NESBITT, JR., ROBERT C. HAYS, *and* JACQUELINE MAURO 659
Inversion of Nonpuerperal Uterus: Report of a case associated with fibromyomata uteri
DRAYTON P. GRAHAM *and* RICHARD D. HILL 667
Management of Acute Inversion of the Uterus ARMAND G. MC HENRY, JR. 671
Epinephrine and Norepinephrine in Pregnancy
MARTIN L. STONE, SAM J. PILIERO, HARVEY HAMMER, *and* ALAN PORTNOY 674
Optimum Radium Distribution in the Treatment of Cancer of the Cervix: Part I
P. R. BLAHEY 679
Quantitative Measures of Sodium and Potassium in Serum and Urine During Spontaneous and Oxytocin-Induced Labor
LARS GÖRAN ALLGÉN, JAN BRUNDIN, *and* LARS ENGSTRÖM 689
Infectious Hepatitis and Pregnancy WILLIAM J. MOORE 693
Mucinous Tumors of the Ovary J. D. WOODRUFF, LOA SWAN BIE, ROBERT J. SHERMAN 699
Prolonged High Dosage of Meprobamate Throughout Pregnancy: Report of a case
C. DONALD KUNTZE 713
A Plea for Autotransfusion LEROY R. WEEKS, EDWARD STONE, *and* CLAIRE MC CANN 715
Fetal Abnormalities Associated with Umbilical Cords Containing Umbilical Artery and Umbilical Vein FRED A. LYON 719
Urinary Incontinence Following the Le Fort Operation: Report of a case
JOSEPH H. PRATT *and* RICHARD K. BAKER 722
Group Counseling in Private Obstetric Practice NATHAN HURVITZ, RICHARD P. BERKO 724
Relief of Primary Dysmenorrhea: An evaluation of the newer therapeutic agents
GLEN E. HAYDEN 730
Perinatal Mortality in a Small Community Hospital
ROBERT E. BECKER *and* JOSEPH E. SILVERBERG 734
Hypnosis and the Obstetrician-Gynecologist FREDERICK P. ZUSPAN 740
Urovaginal Fistula: A new device for effective control of urinary incontinence
ARTHUR H. MILBERT 743
Letters 745
After Office Hours: A Visit with Dr. Lawrence Merrill Randall
SAM. GORDON BERKOW, M.D. 747